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Creativity: Cultural Capital in the Mathematics Classroom

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Author(s)

Rae Ann Hirsh

ABSTRACT

Contemporary students face unique economic, environmental, and humanitarian challenges. The problem solving required to address these challenges requires solutions that have never been thought of before. In order to tackle these problems, teachers must challenge the traditional problem solving methodologies used in math classes and encourage new problem solving strategies through incorporation of the arts and facilitating of creative problem solving. This article will explore the research surrounding creativity, the arts, and creative problem solving and suggest future applications of creativity in the mathematics classroom.

KEYWORDS

Creativity, Math, Problem Solving, Arts, Curriculum, National Council for the Teaching of Mathematics

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